

## Certified Water Loss Audit Validation Report

### Audit Information

**Utility:** Del Oro Water Company

**PWS ID:** 0410011

**System Type:** Potable

**Audit Period:** Calendar 2017

**Utility Representation:** Stephanie Sprague, Jim Roberts, Jake Kevwitch

**Validation Date:** September 12, 2018

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### Validation Findings & Confirmation Statement

#### Key Audit Metrics:

**Data Validity Score:** 54

**Data Validity Band (Level):** Band III (51-70)

**ILI:** 1.29

**Real Loss:** 23.77

**Apparent Loss:** 2.43

**Non-revenue water as percent of cost of operating system:** 5.9%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit.

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### Validator Information:

**Water Audit Validator:** Timothy S. Guster

#### **Validator Qualifications:**

Certified Water Audit Validator  
American Water Works Association  
California-Nevada Section

## Certified Water Loss Audit Validation Report

**Water Supplier Name:** Del Oro Water Company

**Water Supplier ID Number:** 0410011

**Water Audit Period:** Calendar 2017

### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Field personnel have continued logging pressure data and pump reads directly into their spreadsheets while in the field. Field personnel have also continued to proactively test low- and no-use meters while reading meters for billing. More "check meter" work orders have been issued to identify slow or stopped meters – in CY 2017, 344 "check meter" work orders were issued, compared to 126 in CY 2016. The increased number of meter checks is for the purpose of improving accuracy of reporting, reducing water losses, and providing further support for data validity.

Calculation details for Customer Retail Unit Cost and Variable Production Cost included in comments.

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in its manual, Water Audit and Loss Control Programs, Manual M36, Fourth Edition and the in the Free Water Audit Software (Version 5).

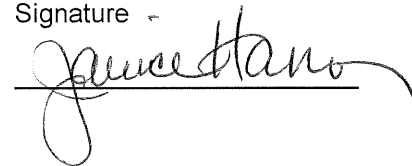
Executive Name (Print)

JANICE HANNA

Executive Position

DIR CORP ACCTING

Signature



Date

9/12/2018